

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. DYA1063D	APPLICATION NO. New U.S. Patent Application		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Joel A. KUBBY, Pinyen LIN, Jingkuang CHEN, Yi SU				
		FILING DATE				
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>KSW</i>		5,612,815	03/18/1997	Labeye et al.		
<i>KSW</i>		5,002,350	03/26/1991	Dragone		
<i>KSW</i>		5,002,354	03/26/1991	Koai		
<i>KSW</i>		5,261,015	11/09/1993	Glasheen		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
<i>KSW</i>		Cornel Marxer et al., "Micro-Opto-Mechanical 2 X 2 Switch for Single-Mode Fibers Based on Plasma-Etched Silicon Mirror and Electrostatic Actuation", Journal of Lightwave Technology, Vol. 17, No. 1, January 1999				
<i>KSW</i>		Shi-Sheng Lee et al., "Free-Space Fiber-Optic Switches Based on MEMS Vertical Torsion Mirrors", Journal of Lightwave Technology, Vol. 17, No. 1, January 1999				
<i>KSW</i>		Hiroshi Toshiyoshi et al., "Electrostatic Micro Torsion Mirrors for an Optical Switch Matrix", Journal of Microelectromechanical Systems, Vol. 5, No. 4, December 1996				
<i>KSW</i>		Hiroshi Toshiyoshi et al., "Electromagnetic Torsion Mirrors for Self-Aligned Fiber-Optic Crossconnectors by Silicon Micromachining", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999				
<i>KSW</i>		L. Y. Lin et al., "Free-Space Micromachined Optical Switches for Optical Networking", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999				
<i>KSW</i>		A. Azzam Yasseen et al., "A Rotary Electrostatic Micromotor 1 X 8 Optical Switch", IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999				
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<i>KSW</i>		M.R.T. Pearson et al., "Arrayed waveguide grating demultiplexers in silicon-on-insulator", Ontario, Canada				
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<i>KSW</i>		"Arrayed Waveguide Grating Multiplexer/Demultiplexer", Lucent Technologies, January 2000				
EXAMINER <i>Bernie J. Wood</i>		DATE CONSIDERED <i>4/3/04</i>				
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Joel A. Kubby et al.	
		FILING DATE	GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
K3W	5,999,290	12/7/99	Li	359	127
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	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

EXAMINER

Kim S. Wood

DATE CONSIDERED

4/3/04

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